

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S87	2	"20020057064"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:45
S88	1	"20020057064" and bracket and (position near4 (sens\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:49
S86	0	"20020057064" and bracket and tilt\$4 and (position near4 (sens\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:49
S90	11	"3776058"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 18:56
S91	11	"5068499"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 19:08
S93	4	"4894650"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/11 19:16
S92	262	knob and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 15:29
S94	112	knob and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 ) and ((another or second) near4 ( sens\$4 or detect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 15:36
S96	2	(knob or joystick).ab. and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 ) and ((another or second) near4 ( sens\$4 or detect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 17:52
S95	118	(knob or joystick) and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 ) and ((another or second) near4 ( sens\$4 or detect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 17:52
S98	10	("3788649"   "3795882"   "3918021"   "4459578"   "4784008"   "4849583"   "4926172"   "5841372"   "5959863"   "5995104").PN. OR ("6805020").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/13 17:54
S97	10	(knob or joystick).ab. and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 17:54
S99	17	(knob or joystick or (input adj device)).ab. and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 17:55

## EAST Search History

S10 2	4	S98 and (motor or actuator or driv\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 17:58
S10 1	1	S98 and (motor or actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 17:58
S10 3	10	("4271728"   "4701629"   "5339705"   "5589828"   "5661253"   "5712660"   "6067492"   "6076414").PN. OR ("6448670").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/13 18:01
S10 0	17	(knob or joystick\$2 or (input adj device)).ab. and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (tilt\$4 or swing\$4 )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:09
S10 5	46	(knob or joystick\$2 or (haptic adj feedback) or (tactile adj feedback) or (input adj device)).ab. and bracket and ((sens\$4 or detect\$4) near4 position) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 18:20
S10 6	60	(knob or joystick\$2 or (haptic adj feedback) or (tactile adj feedback) or (input adj device)).ab. and bracket and (((sens\$4 or detect\$4) near4 position) or encoder) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:10
S89	1	"20020057064" and bracket and (position near4 (sens\$4)) and actuator and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:10
S10 7	10	(knob or joystick\$2 or (haptic adj feedback) or (tactile adj feedback) or (input adj device)).ab. and bracket and (((sens\$4 or detect\$4) near4 position) or encoder) and motor and shaft and ((sens\$4 or detect\$4) near9 shaft) and (stick near4 control\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/17 15:11
S10 8	143	("3157853"   "3220121"   "3497668"   "3517446"   "3902687"   "3903614"   "3919691"   "4050265"   "4131033"   "4160508"   "4236325"   "4477043"   "4513235"   "4560983"   "4581491"   "4599070"   "4706294"   "4708656"   "4712101"   "4713007"   "4782327"   "4795296"   "4800721"   "4823634"   "4868549"   "4891764"   "4930770"   "4934694"   "4935728"   "4943866"   "4964004"   "4979050"   "4983901"   "5007300"   "5019761"   "5022407"   "5035242"   "5038089"   "5044956"   "5078152"   "5095303"   "5107080"   "5138154"   "5139261"   "5146566"   "5185561"   "5186629"   "5186695"   "5189355"   "5193963"   "5204600"   "5212473"   "5220260"   "5223776"   "5235868"   "5240417"   "5254919"   "5271290"   "5275174"   "5280276"   "5296846"   "5296871"   "5299810"   "5309140"   "5313230"   "5317336"   "5334027"   "5355148"   "5374942"   "5381080"   "5389865"   "5396266"   "5398044"   "5405152"   "5414337"   "5457479"   "5466213"   "5473344"   "5477237"   "5491477"   "5513100"   "5530455"   "5541379"   "5542672"   "5543821"   "5547382"   "5576727"   "5589828"   "5589854"   "5591082"   "5623582"   "5625576"   "5627531"   "5642469"   "5643087"   "5652603"   "5656901"   "5666138"   "5666473"   "5691747"   "5691898"   "5709219"   "5712725"   "5714978"   "5721566"   "5724068"   "5724106"   "5734373"   "5736978"   "5742278"   "5745057"   "5749577"   "5754023"   "5755577"   "5760764"   "5766016"   "5767839"   "5781172"   "5785630"   "5787152"   "5790108"   "5805140"   "5808568"   "5808603"   "5823876").PN. OR ("5825308"   "5831408"   "5841428"   "5889506"   "5889670"   "5889672"   "5912661"   "5944151"   "5959613"   "5963196"   "5990869"   "6111577"   "6219034"   "6422941").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/17 15:18